

RECEIVED  
CENTRAL FAX CENTER

SEP 05 2007

PATENT

Atty Docket No.: 100201439-1

App. Ser. No.: 10/681,556

IN THE SPECIFICATION

*For citation purposes, references are made to paragraphs in the specification as numbered in the corresponding U.S. Patent Application Publication No. 2005/008116.*

*Please replace paragraph [0008] with the following paragraph:*

[0008] FIG. 1 represents a software testing system embodiment of the present invention, and is referred to herein by the general reference numeral 100. The system 100 tests a software application 102. The system 100 includes a static analysis search engine 104 and a dynamic analysis search engine 106. Such static analysis search engine 104 can be implemented with a method reference counter in C-program for reading Java byte code, e.g., "read\_class" by one of the present inventors, Michael Di Loreto. As understood in the art, an executable C-program is a collection of machine readable instructions describing a task or set of task, which when provided to a machine, such as a computer or the like, will instruct the machine to perform the task or set of tasks. As also understood in the art, the machine readable instructions are typically stored in a physical memory or storage medium, such as a hard disk drive or a memory chip, that is readable by the machine. The dynamic analysis search engine 106 can be implemented with Rational PURECOVERAGE for Windows by IBM, or the Java Tool that comes with JDK. As known in the art, PURECOVERAGE is a code-coverage analysis tool implemented as a software program that is a collection of machine readable instructions, and such software program is stored in a physical memory or storage medium, such as a hard disk drive or a memory chip, that is readable by a machine, such as a computer or the like. As also known in the art, the Java Tool is a software program that is also a collection of machine readable instructions, and such software program is also stored in a physical memory or storage medium that is readable by a machine as described above.